

ABSTRACT

A body frame of a vehicle for securing, in control of buckling, necessary strength without increasing the size of the frame member, and for reducing impact 5 deceleration produced at the start of buckling. The body frame of has a frame member provided in one of a front portion and a rear portion of the vehicle; and a load imposing device, provided at an end of the frame member, for imposing a load on the frame member toward at least two opposite directions which are substantially perpendicular to a longitudinal direction of the frame member, when impact on the frame member is 10 anticipated or imposed. The load imposing device may have a member made of a shape memory alloy.